

Material: ASTM B30 C87400

Standard Specification for Copper Alloys Ingot and Casting

Group: Non-Ferrous Copper Alloy

Sub Group: ASTM B30 Copper Alloys Ingot and Casting

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

Belongs to the Industry: Ingot and Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	0.500 max.	As-Cast	
Lead	Pb %	1.000 max.		
Silicon	Si %	2.500 - 4.000		
Zinc	Zn %	12.000 - 16.000		
Copper	Cu %	79.000 min.		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	345 min.
-	-	-	Yield Strength in Mpa	145 min.
-	-	-	Elongation in %	18 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C87400	UNS	USA	Rod, Bar, Tube and Shapes
B271 C87400	ASTM	USA	Casting
B584 C87400	ASTM	USA	Casting
SB-584 C87400	ASME	USA	Casting
C87400	SAE	USA	Casting
CA874	SAE	USA	Casting
CACIn803	KS	Korea	Ingot and Casting

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